WisDOT Research
Coordination Section

Wisconsin Department of Transportation
4802 Sheboygan Ave., Rm. 451
P.O. Box 7965
Madison, WI 53707-7965
www.dot.state.wi.us/dtid/research

Nina McLawhorn, Research Administrator
Ann Pahnke, Program Analyst
Linda Keegan, Program Analyst
Louis Bearden, Program Analyst
Pat Casey, Communications Consultant

Implementation of Research Results

Project Information	
Project Title: GIS-based Oversize/Overweight Vehicle Routing System	**Project ID**: 0092-45-19 **Today's Date:** May 24, 2002
Technical Oversight Committee (WHRP or COR): COR	**TOC Chair and Phone number:** Stanley W. Woods (608) 266-8348
Project Start Date: July 1, 1999	**Approved Contract Amount:** $90,000
Project End Date: May 1, 2002	**Final Project Expenditures:** $90,000
Reference Final Report Draft Dated:	
Principal Investigator: Teresa M. Adams, Ph.D. Professor, Civil and Environmental Engineering **Organization:** University of Wisconsin-Madison	**Phone:** (608) 262-5318 **E-Mail:** adams@engr.wisc.edu

Technical Oversight Committee Recommendations

1. Check one of the two choices below:

☐ **Yes. We recommend changes to current practice based on some or all of the results of this report. The research was sound, and the report's conclusions appear to offer an advance over current practice.**

☒ **No. We do not recommend changes to current practice at this time. ~~This approach does not appear fruitful OR future study is needed OR~~ our objectives have changed, etc.**

2. If implementation is not recommended, we suggest the following actions instead:

WisDOT has recently awarded a contract to purchase an OS/OW routing engine from a commercial vendor, thus the utility of this project's results are unknown. That vendor should be given a copy of this project's final report. Subsequent actions will depend upon the spatial data models and spatial data needs for the vendor application. This study identified areas where there is lack of consistent location data between the roadways and bridges on the WISDOT system. This information should be useful to the contractor for the OS/OW routing engine.

3. If implementation is recommended, we suggest the following specific changes to current practice, detailed on the attached work plan and timeline (check applicable items):

☐ **Standard Specifications**
☐ **Quality Management Program (QMP) Specifications**
☐ **Facilities Development Manual (FDM)**
☐ **Highway Maintenance Manual**
☐ **Training, outreach**
☐ **Other (describe):**

4. Approval of this implementation plan by the Technical Oversight Committee (chair on behalf of entire committee):	**Signature: Stanley W. Woods** **Date: 06/07/02**
5. Approval of this implementation plan by the Council on Research (for COR approved projects):	**Signature(s):** **Date:**
6. Referral for development of detailed work plan and timeline to (check one):	☐ **WisDOT/Industry Technical Committee on:** _____ ☐ **Other WisDOT policy body:** _____
7. Approval of work plan and timeline by the WisDOT Bureau Director(s) responsible for the policies described in item #3 above:	**Signature(s):** **Date**
8. Acceptance by a project manager of the responsibility for completing these implementation efforts according to the	**Signature:**

attached work plan and timeline:	Date:

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Implementation Work Plan

1. Project Title:	**2. Prepared by:**
GIS-based Oversize/Overweight Vehicle Routing System	Teresa M. Adams, Ph.D. and Stanley W. Woods, P.E.

1. Scope and objectives of implementation, including specific changes to WisDOT procedures.
No plan at this time.

2. Estimated cost (if any) to implement.

4. Expected benefits and how they will be measured (dollar savings, time savings, other).

5. Possible pitfalls and how they will be avoided.

Implementation Timeline (Gantt Chart)

Tasks/Person Responsible												